


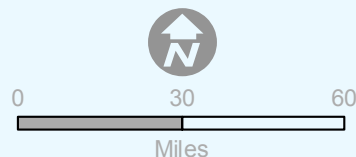


## Marine Life Protection Act Initiative



### North Coast Study Region Existing Marine Protected Areas

-  Study Region Boundary
-  Existing State Marine Conservation Area (SMCA)
-  Existing State Marine Reserve (SMR)



Projection Information:  
Name: NAD 1983 California Teale Albers  
Projection: Albers  
Datum: North American 1983

Created on July 8, 2009 By:  
DFG Marine Region GIS Lab



**California MLPA Initiative**  
**MLPA North Coast Study Region: Round 2 Evaluations**  
**Staff Summary of Area and Habitats in Proposal 0 (Existing MPAs)**  
*Document Revised: June 17, 2010*

**Table 1. Summary of MPAs by Designation for Proposal 0 (Existing MPAs)**

Type of MPA <sup>a</sup>	# of MPAs	Area (mi <sup>2</sup> )	% of Study Region
State Marine Reserve (SMR)	1	2.07	0.2%
State Marine Recreational Managed Area (SMRMA)	0	0.00	0.0%
State Marine Park (SMP)	0	0.00	0.0%
State Marine Conservation Area (SMCA)	4	1.06	0.1%
<b>All MPAs combined</b>	<b>5</b>	<b>3.13</b>	<b>0.3%</b>

<sup>a</sup> These are proposed marine protected area (MPA) designations, NOT levels of protection assigned by the MLPA Master Plan Science Advisory Team (SAT). SMRMA is not an MPA designation, but rather a marine managed area designation.

**Table 2. Summary of MPAs by Level of Protection for Proposal 0 (Existing MPAs)**

Level of Protection (LOP)	# of MPAs	Area (mi <sup>2</sup> )	% of Study Region
Very High <sup>b</sup>	1	2.07	0.2%
High	0	0.00	0.0%
Moderate-High	0	0.00	0.0%
Moderate	0	0.00	0.0%
Low <sup>c</sup>	4	1.06	0.1%
Undetermined <sup>d</sup>	0	0.00	0.0%
<b>Total</b>	<b>5</b>	<b>3.13</b>	<b>0.3%</b>

<sup>b</sup> The "Very High" category includes MPAs with SMR designation, as well as SMRMA designations that do not propose tribal uses.

<sup>c</sup> The "Low" category groups together MPAs that are assigned a moderate-low and low level of protection.

<sup>d</sup> The "Undetermined" category includes MPAs that propose traditional, non-commercial, tribal uses, but do not identify the species and gear types. These MPAs may or may not have additional proposed allowed uses.

**Table 3. Individual MPAs in Proposal 0 (Existing MPAs)**

MPA Name	Size <sup>e</sup> (mi <sup>2</sup> )	Alongshore Span <sup>f</sup> (mi)	Depth Range <sup>g</sup> (ft)
Punta Gorda SMR	2.07	1.6	15 - 184
MacKerricher SMCA	0.72	3.0	0 - 38
Point Cabrillo SMCA	0.22	0.9	0 - 20
Russian Gulch SMCA	0.09	0.7	0 - 3
Van Damme SMCA	0.02	0.2	0 - 11

<sup>e</sup> Size is measured in square statute miles.

<sup>f</sup> Alongshore span measured as direct line from one end of the MPA to the other, roughly paralleling the coastline. An alongshore span is not calculated for estuarine MPAs

<sup>g</sup> Comprehensive bathymetric data for all estuaries is not available. Though bathymetric data do exist in portions of some estuaries, depth ranges are not provided for estuarine MPAs for consistency in evaluations.

**Table 4. Habitat Representation in Proposal 0 (Existing MPAs)**

Habitat <sup>h</sup>	SMR		SMRMA		SMP		SMCA		Total MPAs	
	Area	%	Area	%	Area	%	Area	%	Area	%
Intertidal										
Sandy or gravel beach*	0.00	0%	0.00	0%	0.00	0%	1.92	1%	1.92	1%
Rocky shores*	0.00	0%	0.00	0%	0.00	0%	7.84	5%	7.84	5%
Hardened shores*	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Coastal marsh*	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Coastal marsh	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Tidal flats*	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Seagrass beds										
Humboldt Eelgrass	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Estuarine										
Estuary	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Hard bottom										
0-30 meters proxy (original)* <sup>i</sup>	0.81	2%	0.00	0%	0.00	0%	0.00	0%	0.81	2%
0-30 meters proxy (revised)* <sup>i</sup>	0.80	2%	0.00	0%	0.00	0%	0.00	0%	0.80	2%
15 meter isobath* <sup>i</sup>	0.55	1%	0.00	0%	0.00	0%	0.00	0%	0.55	1%
0-30 meters <sup>i</sup>	0.40	1%	0.00	0%	0.00	0%	0.19	<1%	0.59	1%
30-100 meters	0.26	1%	0.00	0%	0.00	0%	0.00	0%	0.26	1%
100-200 meters	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
>200 meters	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%

*California MLPA North Coast Study Region  
Staff Summary of Area and Habitats in Proposal 0 (Existing MPAs)  
Document Revised: June 17, 2010*

Habitat <sup>h</sup>	SMR		SMRMA		SMP		SMCA		Total MPAs	
	Area	%	Area	%	Area	%	Area	%	Area	%
Soft bottom										
0-30 meters proxy (original) <sup>*,i</sup>	0.77	<1%	0.00	0%	0.00	0%	0.00	0%	0.77	<1%
0-30 meters proxy (revised) <sup>*,i</sup>	0.78	<1%	0.00	0%	0.00	0%	0.00	0%	0.78	<1%
15 meter isobath <sup>*,i</sup>	1.05	1%	0.00	0%	0.00	0%	0.00	0%	1.05	1%
0-30 meters <sup>i</sup>	0.31	<1%	0.00	0%	0.00	0%	0.05	<1%	0.36	<1%
30-100 meters	1.00	<1%	0.00	0%	0.00	0%	0.00	0%	1.00	<1%
100-200 meters	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
>200 meters	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Unknown										
0-30 meters	0.10	<1%	0.00	0%	0.00	0%	0.82	<1%	0.92	1%
30-100 meters	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
100-200 meters	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
>200 meters	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Other										
Offshore rocks <sup>*</sup>	0.00	0%	0.00	0%	0.00	0%	6.49	4%	6.49	4%
Canyon	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Linear kelp <sup>*</sup>	0.00	0%	0.00	0%	0.00	0%	0.23	<1%	0.23	<1%

<sup>h</sup> Habitats are measured as an area (mi<sup>2</sup>) except for those with a \* notation. Habitats with a \* notation are expressed in linear units (mi).

<sup>i</sup> Four measurements for hard and soft substrate within the 0-30 meter zone have been included here for reference. The MLPA Master Plan Science Advisory Team (SAT) Habitat Work Group is recommending to the full SAT that the revised 0-30 meter proxy line is most appropriate measure for use in the habitat analyses; this approach will be discussed at the June 29-30, 2010 SAT meeting.

## **California Marine Life Protection Act Initiative North Coast Project**

### **Description of MPAs Table for Proposal 0 (existing MPAs)**

**This table contains the following information:**

- Proposed MPA name and MPA ID
- Bioregion the MPA is located in (northern or southern bioregion)
- Description of boundaries
- Proposed designation type
- Proposed take regulations as well as other proposed regulations
- Site-specific rationale: Brief statement that explains main purpose of MPA
- Other design considerations: Key factors that influenced the design of the MPA

For more information on Round 2 draft MPA proposals, please visit:  
[http://www.dfg.ca.gov/mlpa/mpaproposals\\_nc.asp](http://www.dfg.ca.gov/mlpa/mpaproposals_nc.asp)

1

**California MLPA North Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Proposal 0 (existing MPAs)**  
**Document Created February 3, 2010**

**Name of Array: North Coast Existing MPAs (P0)**

**Author: N/A**

**Total number of MPAs:**

**5**

Number of SMRs:

1

Number of SMCAs:

4

Number of SMPs:

0

Number of SMRMAs:

0

Number proposing tribal use:

0

Northern Bioregion: California/Oregon border to Mattole River

Southern Bioregion: Mattole River to Alder Creek near Point Arena

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Preliminary Level of Protection*	Propose Tribal Uses?	Proposed Take Regulations
Punta Gorda SMR	73977	Southern Bioregion	This area is bounded by the three-fathom inshore depth contour, the 30- fathom depth contour and the following points: 40 16.43' N. lat. 124 22.00' W. long.; 40 16.43' N. lat. 124 23.50' W. long.; 40 14.83' N. lat. 124 23.18' W. long.; and 40 15.23' N. lat. 124 21.62' W. long.	SMR	Very high	No	Take of all living marine resources is prohibited.
MacKerricher SMCA	73976	Southern Bioregion	This area is bounded by the mean high tide line, the 3-fathom depth contour and the following points: 39 29.81' N. lat. 123 47.50' W. long.; 39 29.95' N. lat. 123 47.80' W. long.; 39 27.62' N. lat. 123 48.80' W. long.; and 39 27.55' N. lat. 123 48.52' W. long.	SMCA	Low	No	The take of all living marine resources is prohibited except: 1. The recreational take of Finfish, red abalone, chiones, clams, cockles, rock scallops, native oysters, crabs, lobster, ghost shrimp, sea urchins, mussels and marine worms except that no worms may be taken in any mussel bed unless taken incidentally to the take of mussels.. 2. The commercial take of Finfish, crabs, ghost shrimp, jackknife clams, sea urchins, squid, algae except giant kelp and bull kelp and worms except that no worms may be taken in any mussel bed, nor may any person pick up, remove, detach from the substrate any other organisms, or break up, move or destroy any rocks or other substrate or surfaces to which organisms are attached.
Point Cabrillo SMCA	73978	Southern Bioregion	This area is bounded by the mean high tide line, a distance of 1000 feet seaward of mean lower low water, and the following points: 39 21.24' N. lat. 123 49.25' W. long.; 39 21.33' N. lat. 123 49.64' W. long.; 39 20.66' N. lat. 123 49.68' W. long.; and 39 20.57' N. lat. 123 49.27' W. long.	SMCA	Low	No	The take of all living marine resources is prohibited except: 1. The recreational take: none 2. The commercial take of Finfish and marine aquatic plants.

SMCA=state marine conservation area SMP=state marine park SMRMA=state marine recreational management area SMR=state marine reserve

\* Preliminary LOPs are considered draft and may change based on the SAT's review of allowed uses.

**California MLPA North Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Proposal 0 (existing MPAs)**  
**Document Created February 3, 2010**

MPA Name	Other Proposed Regulations	Site-specific Rationale	Other Considerations
Punta Gorda SMR	Other restrictions exist regarding: swimming, boating, firearms, public entry, pesticides, herbicides and other regulated chemicals, litter, aircraft, pets, potential memorandums of understanding, and scientific research.	None	None
MacKerricher SMCA	None	None	None
Point Cabrillo SMCA	None	None	None

SMCA=state marine conservation area SMP=state marine park SMRMA=state marine recreational management area SMR=state marine reserve

\* Preliminary LOPs are considered draft and may change based on the SAT's review of allowed uses.

**California MLPA North Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Proposal 0 (existing MPAs)**  
**Document Created February 3, 2010**

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Preliminary Level of Protection*	Propose Tribal Uses?	Proposed Take Regulations
Russian Gulch SMCA	73974	Southern Bioregion	This area is bounded by the mean high tide line, the 3-fathom depth contour and the following points: 39 19.86' N. lat. 123 48.84' W. long.; 39 19.85' N. lat. 123 48.89' W. long.; 39 19.52' N. lat. 123 48.46' W. long.; and 39 19.52' N. lat. 123 48.23' W. long.	SMCA	Low	No	The take of all living marine resources is prohibited except: 1. The recreational take of Finfish, red abalone, chiones, clams, cockles, rock scallops, native oysters, crabs, lobster, ghost shrimp, sea urchins, mussels and marine worms except that no worms may be taken in any mussel bed unless taken incidentally to the take of mussels. 2. The commercial take of Finfish, crabs, ghost shrimp, jackknife clams, sea urchins, algae except giant kelp and bull kelp and worms except that no worms may be taken in any mussel bed, nor may any person pick up, remove, detach from the substrate any other organisms, or break up, move or destroy any rocks or other substrate or surfaces to which organisms are attached.
Van Damme SMCA	73975	Southern Bioregion	This area is bounded by the mean high tide line, the 3-fathom depth contour and the following points: 39 16.45' N. lat. 123 47.60' W. long.; 39 16.355' N. lat. 123 47.60' W. long.; 39 16.27' N. lat. 123 47.545' W. long.; and 39 16.27' N. lat. 123 47.43' W. long.	SMCA	Low	No	The take of all living marine resources is prohibited except: 1. The recreational take of Finfish, red abalone, chiones, clams, cockles, rock scallops, native oysters, crabs, lobster, ghost shrimp, sea urchins, mussels and marine worms except that no worms may be taken in any mussel bed unless taken incidentally to the take of mussels. 2. The commercial take of Finfish, crabs, ghost shrimp, jackknife clams, sea urchins, algae except giant kelp and bull kelp and worms except that no worms may be taken in any mussel bed, nor may any person pick up, remove, detach from the substrate any other organisms, or break up, move or destroy any rocks or other substrate or surfaces to which organisms are attached.

SMCA=state marine conservation area SMP=state marine park SMRMA=state marine recreational management area SMR=state marine reserve

\* Preliminary LOPs are considered draft and may change based on the SAT's review of allowed uses.



**California MLPA North Coast Study Region**  
**Description of Marine Protected Areas (MPAs) in Proposal 0 (existing MPAs)**  
**Document Created February 3, 2010**

MPA Name	Other Proposed Regulations	Site-specific Rationale	Other Considerations
Russian Gulch SMCA	None	None	None
Van Damme SMCA	None	None	None

SMCA=state marine conservation area SMP=state marine park SMRMA=state marine recreational management area SMR=state marine reserve

\* Preliminary LOPs are considered draft and may change based on the SAT's review of allowed uses.